Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 13 Sep 2023 until 23:59 on Thursday 14 Sep 2023

Forecast Issued on Tuesday 12 Sep 2023 at 13:51

Confidence: High confidence for a fine day on Wednesday. Low confidence in cloud and precipitation details from Thursday due to a slow-moving band of rain.

Headline for Wednesday 13 Sep 2023: Dry with sunny spells.

Mountain weather hazards on Wednesday 13 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	10%	10%

Forecast for Wednesday 13 Sep 2023

Weather: A chilly start in places with a few mist and isolated fog patches forming in valleys during the early hours. This quickly clearing to leave a dry day with sunny spells. Cloud thickening from the west later in the evening.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Poor visibility in early mist and fog in valleys, soon clearing. Very good visibility for most of the day, with views of surrounding hills. Fair weather cloud will form from late morning, base above the summits. Cloud will tend to become more extensive later, lowering overnight to cover the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 13 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 NE	12/20 NE	11/19 NE	11/16 NE	8/13 SE	8/13 S	9/13 S	14/22 S	17/26 S
300	9/19 NE	6/12 E	7/15 NE	10/16 NE	7/12 SE	7/11 S	6/9 S	11/19 SE	11/19 S
Valley	10/24 NE	7/19 NE	4/13 E	9/17 E	6/11 SE	6/12 S	4/10 S	8/20 SE	9/21 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/4	7/4	9/6	11/10	12/11	12/10	12/9	11/8
300	10/8	10/8	9/8	12/10	14/13	15/14	14/14	14/12	13/11
Valley	11/8	10/8	10/9	13/11	16/14	16/15	15/14	14/12	14/12
Freezing Level*	1800m	1600m	1600m	1600m	1800m	2000m	2100m	2700m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine day. Sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 11 Sep 2023	0mm	4mm	4mm

Forecast for Thursday 14 Sep 2023

Weather: Showery rain arriving from the west overnight, locally heavy at times. This should gradually ease and clear through the morning leaving a brighter afternoon, but is likely to return later in the evening or overnight.

Maximum wind: Southwesterly 15mph gusting 25mph

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Extensive low cloud with base around 400m at first, gradually rising towards 600m by the middle of the day then perhaps breaking and largely clearing for a time during the afternoon. Low cloud base 400-500m likely to reform later in the evening and overnight.

Temperature: **Valleys:** Plus 15 Celsius
At 600m: Plus12 Celsius
Freezing level: Above the summits

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